

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Michael T. Romanyszyn § Atty. Docket No: L-0170.57(Div-1)
§
Application No: To Be Assigned § Examiner: To Be Assigned
Filed: To Be Assigned § Group Art Unit: To Be Assigned
§
For: METHOD AND APPARATUS §
FOR TREATING FLUIDS

PRELIMINARY AMENDMENT

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicant respectfully presents herewith a Preliminary Amendment accompanying the filing of the subject case.

IN THE CLAIMS:

Please cancel claims 1-12, 24-41 and 45-48 without prejudice.

Please amend the claim as follows:

13. (amended) A vortex nozzle, comprising:

a nozzle body including a passageway therethrough and a port that inlets a fluid flow into the passageway, whereby the port is substantially tangential and normal to the passageway; and
an endcap attached to the nozzle body.

42. (amended) A vortex nozzle, comprising:

a nozzle body including a passageway;
at least a segment of the passageway being tapered; and